



DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

IN REPLYING, ADDRESS THE

November 10, 1954

Communicable Disease Center,
Enteric Bacteriology Laboratories
P. O. Box 183
Chamblee, Georgia

Dr. Joshua Lederberg
Department of Genetics
University of Wisconsin
Madison 6, Wisconsin

Dear Dr. Lederberg:

I was quite pleased and relieved by the contents of your letter. I now feel encouraged to publish the l,w results.

As to repetition, I am afraid I cannot possibly find the time. We found these transductions (aside from those with PLT22) very difficult and time consuming on account of difficulties in obtaining high titred phages. However, we ran 10 to 40 tubes on each experiment and in several obtained multiple hits. Each transduction was examined thoroughly and identical results obtained in a number of tubes. I believe this answers your reservation. Of course, this did not invariably occur but it was observed in a sufficient number of cases to indicate the regular trend of transduction with the two varieties of l,w.

Your suggestion about minimal serologic differences is well taken and I shall try to investigate this.

With many thanks and kindest regards, I am

For the Officer-in-Charge, Bacteriology Section

Sincerely yours,

Phie

Philip R. Edwards, Ph. D.
Bacteriologist-in-Charge
Enteric Bacteriology Unit

*Please feel free to use the
phages + cultures I sent
in any way you choose*